

METHOD AND APPARATUS FOR OVERCOMING LARGE TRANSPORT  
DELAYS BETWEEN MASTER AND SLAVE UTOPIA DEVICES

5     ABSTRACT OF THE DISCLOSURE

10     A system for communicating information includes a  
master UTOPIA device having a receive transfer controller  
operable to control reception of data by the master UTOPIA  
device and a transmit transfer controller operable to  
15     control transmission of data from the ATM switch. The  
system also includes a slave UTOPIA device having at least  
one memory area. The slave UTOPIA device includes a  
receive poll controller operable to determine whether the  
memory area is available to transmit data for receipt by  
20     the master UTOPIA device and further operable to  
communicate the result of the determination to the receive  
transfer controller. The slave UTOPIA device also includes  
a transmit poll controller operable to determine whether  
the memory area is available for receiving data to be  
transmitted by the master UTOPIA device and further  
operable to communicate the result of the determination to  
the transmit transfer controller.